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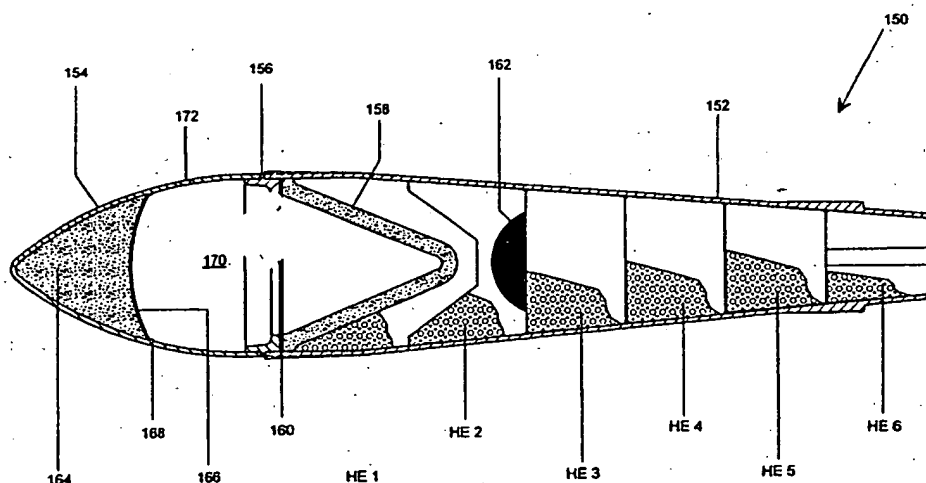
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(54) Title: HOLLOW CHARGE EXPLOSIVE DEVICE PARTICULARLY FOR AVALANCHE CONTROL



(57) Abstract: A shaped charge explosive device (10) comprising an explosive charge body including an explosive charge (18) defining a cavity particulate material (44) dispersible by the explosive charge when detonated, eg in a liner lining the cavity. In a preferred embodiment of this device of particular applicability to use in avalanche control, the particulate medium is aluminium. This is energised by the liner collapse and jetting process such that on impact and interaction with a snow/ice target it generates a directed blast effect extending beyond that achievable with a simple blast charge of the same mass. Direct application to hand charge avalanche control methods and modified ammunition for Avalauncher ammunition are presented. Two of such charges with a conical liner can be positioned either facing each other or facing away from each other to obtain a particular blast pattern.

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